

Volume XLVIII



# QUEENSLAND AGRICULTURAL JOURNAL

Issued by direction of

The Hon. the Secretary for Agriculture

Edited by J. F. F. REID

JULY to DECEMBER, 1937

IMP. INST. ENT.  
— LIBRARY —

19 MAY 1938

SERIAL  
SEPARATE

*Ans. 12*

# Queensland Agricultural Journal

## GENERAL INDEX.

	PAGE.		PAGE.
<b>A.</b>		<b>B.</b>	
Aeration and Soil Pests .. ..	641	Avocado Orchard, Establishing the	345
Acetylene to Induce Flowering in Pineapple Plants, The Use of	532	Avocado, The .. ..	116
Age of Horse, as indicated by the Teeth .. ..	634	Australian Agricultural Council, The .. ..	249
Age of a Horse, The .. ..	741	Australian Sugar Industry, History of the .. ..	320
Aggressive Weed Pests .. ..	88		
Agricultural Districts, Rainfall in the .. 107, 247, 387, 527, 651,	757		
Agricultural Notes 63, 170, 352, 501,	607, 712		
Agricultural Standards .. ..	530		
Agriculture in Queensland .. ..	530		
Ailments in Pigs, Hot Weather ..	599		
Ailments in Stock, Treatment of Common .. ..	26		
Amendment, Banana Levy Regula- tion .. ..	93		
Anaplasmosis .. ..	622		
Animal Health .. ..	531		
Animals, Care of Sick .. ..	5		
Annatto and Clitorus: Ornamental Shrubs .. ..	90		
Annual Hibiscus .. ..	632		
Answers to Correspondents—Botany, 223, 375, 511, 632,	740		
Antiseptics .. ..	71		
Anvil, Home-made .. ..	631		
Anzac Festival Competitions ..	636		
Apiary, The .. .. 280, 637,	739		
Appeal, An—The Bush Fire Risk	391		
Apple, Little Leaf in the .. ..	673		
Appointments, Staff Changes and .. 91, 232, 377, 514, 635,	742		
Arrowroot for Pigs, Sweet Potatoes and .. ..	161		
Arsenic Weed .. ..	228		
Assessments, Sugar-cane .. ..	92		
Astronomical Data for Queens- land 108, 248, 388, 528, 652,	758		
		Babies, Our 100, 240, 383, 522, 642,	749
		Babinda District, Sooty Mould on Sugar-cane in the .. ..	724
		Bacon Carcasses, Judging Pork and	152
		Bacon Pigs at the Brisbane Show, Export .. ..	452
		Bacon Pigs, Feeding .. ..	702
		Balancing the Diet .. ..	102
		Balloon Cotton .. ..	512
		Banana Areas, Selecting New ..	34
		Banana Industry Protection Board	378
		Banana Levy Regulation Amend- ment .. ..	93
		Bahana Rust Thrips Control ..	392
		Bananas .. ..	380
		Bananas, Grade Standards for Cavendish .. ..	514
		Bananas, The Planting of .. ..	603
		Bananas, Wind Breaks for ..	222
		Beef Cattle Management .. ..	95
		Beef Export, Chilled .. ..	389
		Bennett, William Redpath—In Memoriam .. ..	197
		Berries and Burrs .. ..	511
		Berry, An Edible .. ..	511
		Bindweed .. ..	223
		Black Nightshade. Wild Sunflower	231
		Blood, Circulation of the .. ..	220
		Blue Grass, Pitted .. ..	70
		Blue Panic Grass .. ..	227



	PAGE.		PAGE.
Board—		<i>Cassia Lignum-vitæ</i> .. ..	513
Banana Industry Protection ..	378	Castor Oil Plant .. ..	513
Broom Millet .. ..	514, 635	Castration of Colts .. ..	707
Cotton .. ..	378, 514	Cattle and Horses, A Crush for ..	65
Northern Pig .. ..	636	Cattle and Sheep, Lung Worms in	438
Peanut .. ..	93, 378	Cattle-fattening Scheme, Prospects	
Plywood and Veneer .. ..	631	of Coastal .. ..	389
Botany—Answers to Correspond-		Cattle, The Dipping of .. ..	246
ents .. 83, 223, 375, 511, 632,	740	Caustic Weed .. ..	634
Bottle Tree Caustic .. ..	89	Cavendish Bananas, Grade Stan-	
Boundaries of Northern Stallion		dards for .. ..	514
District .. ..	232	Central District, Tomatoes in the	495
Branding and Earmarking of		Central Queensland, Millets in ..	354
Stock .. ..	206	Chaff Burr. Burr Grass. Chinese	
Branding, Careless .. ..	706	Burr .. ..	740
Branding of Pigs .. ..	601	Chests, Veterinary First-aid ..	26
Breeding Flocks, Farmers' ..	743	Chickens, Feeding of Growing ..	479
Breeding Fowls for Egg Pro-		Chicken Season, The .. ..	478
duction .. ..	709	Chickens, Rearing of .. ..	744
Brisbane Exhibition, 1937 ..	356	Chickens, The Rearing of ..	316
Brisbane Show, Export Bacon		Chilled Beef Export .. ..	389
Pigs at the .. ..	452	Chinese Burr. Burr Grass. Chaff	
Bristle Poppy .. ..	223	Burr .. ..	740
Broom Millet Board .. ..	514, 635	Choko, The .. ..	494
Bull-head Burr. Khaki Weed. "Fat		Christmas Telegrams .. ..	734
Hen." .. ..	83	Churns Sweet, How to Keep ..	169
Bundaberg Cane Growers' Levy ..	93	Circulation of the Blood .. ..	220
Bundaberg, Seedling Hothouse at	625	Citrus Orchard, In the .. ..	200
Burr Grass. Chinese Burr. Chaff		Citrus Trees and their Food Re-	
Burr .. ..	740	quirements .. ..	149
Burrs, Berries and .. ..	511	Classification of Pigs, Type ..	310
Burr Trefoil .. ..	513	Climate, Sunspots and .. ..	150
Bush Fire Risk, The—An Appeal	391	Climatological Table—	
Bush Fires, Law Relating to ..	75	May, 1937 .. ..	107
Butter Marketing Scheme and		June, 1937 .. ..	247
Equalisation System, Local ..	92	July, 1937 .. ..	387
Button Grass .. ..	86	August, 1937 .. ..	527
By-products, Meatworks .. ..	173	September, 1937 .. ..	651
		October, 1937 .. ..	757
<b>C.</b>		Clips, The Handling of Small ..	235
Cabbage-growing for Market ..	342	Clothes Trolley, A .. ..	319
Calf, Doctoring the .. ..	413	Clubs, Junior Farmers' .. ..	476
Calves, Dehorning .. ..	518	Coastal Cattle-fattening Scheme,	
Cane, Fertilizer for Standover ..	713	Prospects of .. ..	389
Cane Growers' Council .. ..	636	Cockerels, Housing .. ..	476
Cane Growers' Council, Queensland	515	Codling Moth Central Experiments,	
Cane Growers' Levy, Bundaberg ..	93	1936 .. ..	252
Cane Growth, Effect of Winds on	723	Codling Moth, Possible Substitutes	
Cane Production, Intensive ..	626	for Lead Arsenate in the Con-	
Canvas, To Fireproof .. ..	193	trol of .. ..	602
Carcase in Pork and Bacon Pigs,		Colts, Castration of .. ..	707
Yield of .. ..	450	Colours in Concrete—How to mix	
Care of Growing Pullets .. ..	477	them .. ..	638
Careless Branding .. ..	706	Committee, District Executives and	
Care of Milk Utensils on the Farm	71	Sugar Mill Suppliers' .. ..	93
Care of Sick Animals .. ..	5	Common Milk and Cream Taints	138
Care of Stored Honey .. ..	78	Common Weeds in North Queens-	
Cart is Bugged, When the .. ..	234	land .. ..	85
		Compost Heap, The .. ..	738
		Concentrates, Feeding of .. ..	615

	PAGE.
Concrete, Colours in—How to mix them .. ..	638
Contamination of Milk and Cream, Factors in the .. ..	164
Control of the Red-shouldered Leaf Beetle .. ..	730
Convenient and Simple Fire-stick, A ..	90
Cooling of Cream .. ..	521
Co-operative Hail Insurance .. ..	636
Correspondents, Answers to— Botany 83, 223, 375, 511, 632, 740	740
Cotton .. ..	63
Cotton Board .. ..	378, 514
Cotton Culture .. ..	281
Cotton, Cutworms in Seedling ..	503
Cotton, Grow .. ..	175
Cotton, Industry, The .. ..	281
Cotton, Menace of Standover ..	617
Council of Agriculture .. ..	378
Cowpeas, The Growing of .. ..	616
Cows Are Quieter When De-horned	355
Cows, Improving Production of ..	637
Cows, Milk From Newly-calved ..	516
Cows, Sore Teats in Milking ..	638
Cream and Milk Taints, Common ..	138
Cream, Cooling of .. ..	521
Cream, Factors in the Contamin- ation of Milk and .. ..	164
Cream, Neutralisation of .. ..	432
Cream Quality, Improving .. ..	440
Crop Rotation, Vegetable .. ..	345
Crops for Pigs, Root .. ..	65
Crops, Liming Ratoon .. ..	76
Crowbar, An Emergency .. ..	307
Crowfoot .. ..	230
Crush for Cattle and Horses, A ..	65
Cucumber-growing .. ..	497
Cudweeds, Turnip Weed, Fish Weed, and Nettles .. ..	512
Cull or Not to Cull, To .. ..	597
Cultivation of Grain Sorghums, The	504
Cultivation, Summer .. ..	712
Culture, Cotton .. ..	281
Culture, Strawberry .. ..	731
Culture, Tomato .. ..	35
Cutworms in Seedling Cotton ..	503

**D.**

Dairy and Pig Farmers, Annual School of Instruction for ..	96
Dairy Farm, Feeding on the ..	168
Dairy Farm, The .. ..	164, 739
Dairy Farmers, "Dont's" for ..	744
Dairy Industry, The .. 69, 432, 597,	695
Dairy Produce, Quality of .. ..	598
Dairying, Profitable .. ..	69

	PAGE.
Dairying, Science in .. ..	3
Darling Downs, A New Weed on the .. ..	692
Deciduous Fruit Trees, Pruning ..	144
De-horned, Cows are Quieter when	355
Dehorning Calves .. ..	518
Destruction of Old Tobacco Plants	563
"Devils' Fig," Leguminous Herb	230
Digestive Derangements in Horses	115
Diggers Who Fell at Pozieres, Two —Who Were They? .. ..	636
Diet, Balancing the .. ..	102
Difficult Parturition .. ..	443
Dipping of Cattle, The .. ..	246
Disease in Pigs, Prevention of ..	140
Diseases of the Papaw .. ..	544
District Executives and Sugar Sup- pliers' Committee .. ..	93
Doctoring the Calf .. ..	413
Dog Burr .. ..	740
Domestic Animals, Ophthalmia of	705
Drainage for Wireworms .. ..	719
Drinks, Summer Fruit .. ..	756
Dudley Eglinton's Useful Life ..	73
Dwelling, An Attractive Pisé ..	145

**E.**

Earmarking of Stock, Branding and	206
East Indies, Weed from .. ..	633
East Moreton Plants Named ..	225
Eat, How Much to .. ..	241
Effects of Rainfall on Grasshopper Infestation, The .. ..	640
Effect of Winds on Cane Growth	723
Eglinton's Useful Life, Dudley ..	73
Egg Plant, The .. ..	496
Egg Production, Breeding Fowls for .. ..	709
Elderberry, Nature .. ..	513
Electrical and Other Effects ..	80
Elephant Grass .. ..	85
Ellangowan Poison Bush. Turkey Bush .. ..	634
Emergency Crowbar, An .. ..	307
Establishing the Avocado Orchard	345
Event and Comment 109, 250, 389,	529, 653
Export Meat Trade, The .. ..	655
Experiment on the Pastures of the Sandy Ridges of the Lockyer Valley, A Top-dressing ..	16
Experiments, 1936, Codling Moth Control .. ..	252
Export Bacon Pigs at the Brisbane Show .. ..	452
Export, The Best Type of Lamb for .. ..	744



	PAGE.		PAGE.
<b>F.</b>		General Notes 91, 232, 377, 514, 635, 742	
Factors in the Contamination of		Giant American Toad in Queens-	
Milk and Cream .. ..	164	land, The Present Situation	
Farmers' Breeding Flocks .. ..	743	Regarding the .. ..	209
Farm, Care of Milk Utensils on the	71	Gibson, Alfred Ernest—In Memo-	
Farmers' Clubs, Junior .. ..	476	riam .. ..	177
Farm Garden, In the .. ..	525, 646	Goondiwindi Sanctuary, A—Wild	
Farm Gates .. ..	66	Life Preservation .. ..	232
Farming, What is Good? .. ..	399	Gooseberry Cucumber .. ..	231
Farming, What is Successful? .. ..	506	Grade Standards for Cavendish	
Farm Kitchen, In the 104, 245, 384, 523, 643, 754		Bananas .. ..	514
Farm Notes 99, 239, 382, 521, 641, 746		Grade Standards for Plums .. ..	742
Farm Orchard, The .. ..	497	Grading of Onions, The .. ..	506
Farm, The Dairy .. ..	164, 739	Grain Sorghums, The Cultivation	
Farm, The Pig 152, 310, 445, 599, 701		of .. ..	504
Farm, Weighing Pigs on the .. ..	159	Granadilla, The .. ..	181
Fat Lamb Production .. ..	235	Grapefruit .. ..	189
Fat Lamb Raising .. ..	308	Grapes, Sawdust Packing for .. ..	728
Feather Top Grass .. ..	89	Grape Vines, Pruning to Avoid	
Feeding Bacon Pigs .. ..	702	Injury by Spring Frosts .. ..	496
Feeding of Concentrates .. ..	615	Grass, A Good Native .. ..	230
Feeding of Growing Chickens .. ..	479	Grass Cuttings, Planting of .. ..	596
Feeding on the Dairy Farm .. ..	668	Grasses and Sedges .. ..	226, 633
Fertilizer for Standover Cane .. ..	713	Grasses and Weeds .. ..	228, 375
Fertilizing Sugar-cane .. ..	720	Grass, Blue Panic .. ..	227
Fireproof Canvas, To .. ..	193	Grasses, Fodder .. ..	229
Fire-stick, A Convenient and Simple	90	Grasses From the Mid-west named	90
First-aid Chests, Veterinary .. ..	26	Grasses From West Moreton,	
First Steps in Irrigation Practice	607	Variety of .. ..	632
Fish Weed, Cudweeds, Turnip		Grasses Identified .. ..	88
Weed, and Nettles .. ..	512	Grasses, Millets and Sedges .. ..	87
Flowering in Pineapple Plants,		Grasses, Wattle and .. ..	224
The Use of Acetylene to		Grasshoppers, Control of Plague ..	515
Induce .. ..	532	Grasshopper Infestation, The	
Fodder Crops in the Maranoa,		Effects of Rainfall on .. ..	640
Summer .. ..	174	Grass Out of Favour .. ..	228
Fodder Grasses .. ..	229	Grass, Pitted Blue .. ..	70
Fodder, Valuable .. ..	223	Grass, Ratstail or Parramatta .. ..	72
Fodder Values, Varying .. ..	227	Grazing Homestead Selection, Land	
Forestry in Queensland .. ..	212	for .. ..	708
Fowl Manure .. ..	552	Grazing Homestead Selection, Sheep	
Fowls for Egg Production, Breed-		Land for .. ..	381
ing .. ..	709	Grazing Homestead Selection,	
Fruit Drinks, Summer .. ..	756	Sheep Lands for—Katandra	
Fruit Fly in the Stanthorpe—War-		Resumption .. ..	30
wick—Killarney District .. ..	515	Grazing Selection, Sheep Land for	
Fruit Market, The 60, 194, 346, 498, 604, 732		—Barealdine and Home Creek	
Fruits, Some Tropical .. 57, 181, 340		Resumptions .. ..	510
Fruit Trade, Trans-border .. ..	635	Grazing Selection, Sheep Lands for	
Fruit Trees, Pruning Deciduous .. 144		—Wellshot Resumption .. ..	650
<b>G.</b>		Green Manuring the Orchard .. ..	52
Galvanised Burr .. ..	231	Groundsel-bush in South-Eastern	
Garden and Home, The 100, 240, 383, 522, 642, 749		Queensland .. ..	656
Gate Hinges, Home-made .. ..	257	Grow Cotton .. ..	175
Gates, Farm .. ..	66	Growing of Cowpeas, The .. ..	616
		Grow More Passion Fruit .. ..	678
		Growth of Plants, Inconspicuous	
		Organisms Which Aid the .. ..	564

## PAGE.

**H.**

Hail Insurance, Co-operative ..	636
Harness in Good Order, Neatsfoot Oil Keeps .. ..	708
Herd Testing and Profits .. ..	439
Herd Testing, The Influence of ..	695
Hereditary Unsoundness of Stallions .. ..	93
Hexham Scent .. ..	430
Hexham Scent. A Common Weed	740
Hints on Pig-feeding .. ..	703
History of the Australian Sugar Industry .. ..	320
Hog Weed .. ..	376
Home and Garden, The 100, 240, 383, 522, 642, 749	
Home-made Anvil .. ..	631
Home-made Gate Hinges .. ..	257
Homestead Selection (Grazing), Sheep Lands for .. ..	30
Honey, Care of Stored .. ..	78
Horse, Age of, as Indicated by the Teeth .. ..	634
Horses, Digestive Derangements in	115
Horse, The Age of a .. ..	741
Horses and Cattle, A Crush for ..	65
Horses, Red-worms in .. ..	444
Horses, Treatment of, for Worms	210
Horses, Wounds in—Simple treatment .. ..	706
Horticultural Notes 181, 326, 480,	602, 726
Hothouse at Bundaberg, Seedling	625
Hot Weather Ailments in Pigs ..	599
Housing Cockerels .. ..	476
Howe, Jack, Shearer—The Man and His Records .. ..	517
How Much to Eat .. ..	241
How to Keep Churns Sweet .. ..	169

**I.**

Identification of Grasses .. ..	89
Implement, A Useful .. ..	343
Importance of "Type" in Merino Flocks, The .. ..	31
Improvements on Small Sheep Holdings .. ..	94
Improving Cream Quality .. ..	440
Inconspicuous Organisms Which Aid the Growth of Plants ..	564
Indian Heliotrope .. ..	231
Industry, The Cotton .. ..	281
Industry, The Dairy .. 69, 432, 597, 695	
Influence of Herd Testing, The ..	695
In Memoriam—	
Alfred Ernest Gibson .. ..	177
William Redpath Bennett .. ..	197
Insect and Allied Pests of the Papaw .. ..	553

## PAGE.

Insurance, Co-operative Hail ..	636
Intensive Cane Production .. ..	626
In the Farm Garden .. ..	525, 646
In the Farm Kitchen 104, 245, 384, 523, 643, 754	
Investigation, Rat .. ..	201
Ironwood, Scrub Wilga. Yellow-wood .. ..	634
Irrigation Practice, First Steps in	607
Ivory Wood .. ..	224

**J.**

Jetting of Sheep, Spraying and ..	308
Johnson Grass, Killing .. ..	691
Judging Pork and Bacon Carcases	152
Junior Farmers' Clubs .. ..	476

**K.**

Kangaroo Apple .. ..	511, 740
Katandra Resumption, Sheep Lands for Grazing Homestead Selection .. ..	30
Killing Johnson Grass .. ..	691

**L.**

Lamb for Export, The Best Type of .. ..	744
Lambs, Trucking Fat .. ..	518
Land for Grazing Homestead Selection .. ..	708
Lands (Sheep) for Grazing Homestead Selection, Katandra Resumption .. ..	30
Law Relating to Bush Fires .. ..	75
Lead Arsenate in the Control of Codling Moth, Possible Substitutes for .. ..	602
Legume, Possibly Valuable .. ..	230
Legumes in Rejuvenating Old Soils, The Role of .. ..	141
Leguminous Herb, "Devils' Fig." ..	230
Leguminous Plants .. ..	231
Levies, Sugar .. ..	77
Lime-spreading Machinery .. ..	198
Liming Ratoon Crops .. ..	76
Litter, A Profitable .. ..	309
Little Leaf in the Apple .. ..	673
Local Butter Marketing Scheme and Equalisation System .. ..	92
Lockyer Valley, A Top-dressing Experiment on the Pastures of the .. ..	16
London, The Premier's Work in ..	1
Losses Among Young Pigs .. ..	704
Lung Worms in Cattle and Sheep	438



	PAGE.		PAGE.
<b>M.</b>		North Queensland—A Land of Opportunity .. .. .	111
Mabolo, The .. .. .	57	Northern Stallion District, Boundaries of .. .. .	232
Machinery, Lime-spreading .. .. .	198	North Queensland, Tobacco Seedling Production in .. .. .	558
Mackay Experiment Station, Sheep Grazing at the .. .. .	136	Notes, Agricultural 63, 170, 352, 501, 607, 712	
Madagascar Plum. Mesquite Bean .. .. .	229	Notes, Farm 99, 239, 382, 521, 641, 746	
Madagascar Plum. Worms Seed .. .. .	83	Notes, General 91, 232, 377, 514, 635, 742	
Maize, Preparation of Land for .. .. .	158	Notes, Horticultural 181, 326, 480, 602, 726	
Man, The Tropics and 80, 220, 372, 508, 629, 736		Notes, Orchard 97, 237, 380, 519, 639, 745	
Manure, Fowl .. .. .	552	Nutritional Requirements of Poultry .. .. .	95
Manuring, the Orchard, Green .. .. .	52	Nutrition, Plant .. .. .	22
Manures, Phosphatic .. .. .	68		
Maranoa, Summer Fodder Crops in the .. .. .	174	<b>O.</b>	
Market, Cabbage-growing for .. .. .	342	Oat and Barley Grass .. .. .	88
Marketing, Organised .. .. .	250	Onions, The Grading of .. .. .	506
Marketing Strawberries .. .. .	326	On Napperrie—A "Desert" Vignette .. .. .	379
Market, The Fruit 60, 194, 346, 498, 604, 732		Ophthalmia of Domestic Animals .. .. .	705
Meat Trade, The Export .. .. .	655	Orchard, Green Manuring the .. .. .	52
Meatworks By-products .. .. .	173	Orchard, In the Citrus .. .. .	200
Menace of Standover Cotton .. .. .	617	Orchard Notes 97, 237, 380, 519, 639, 745	
Mental Capacity .. .. .	736	Orchard, The Farm .. .. .	497
Merino Flocks, The Importance of "Type" in .. .. .	31	Organisms Which Aid the Growth of Plants, Inconspicuous .. .. .	564
Mesquite Bean. Madagascar Plum .. .. .	229	Our Babies 100, 240, 383, 522, 642, 749	
Mexican Clover—A Serious Pest .. .. .	512	Overstocking of Pastures .. .. .	379
Milk and Cream, Factors in the Contamination of .. .. .	164		
Milk and Cream Taints, Common .. .. .	138	<b>P.</b>	
Milk in Pig-feeding, A Substitute for .. .. .	451	Panicum, Scrub .. .. .	231
Milk from Newly-calved cows .. .. .	516	Papaw, Diseases of the .. .. .	544
Milk, Pigments in .. .. .	135	Papaw, Insect and Allied Pest of the .. .. .	553
Milk-tainting Weeds .. .. .	632	Papaw, The .. .. .	480
Milk Utensils on the Farm, Care of .. .. .	71	Paragrass .. .. .	223
Millets in Central Queensland .. .. .	354	Parasites of the Pig .. .. .	400
Mist Weed .. .. .	513	Parramatta Grass, Ratstail or .. .. .	72
Mite, The Tropical Fowl .. .. .	479	Parturition, Difficult .. .. .	443
Murgon District, Plants from Identified .. .. .	84	Passion Fruit, Grow More .. .. .	678
		Pasteurisation .. .. .	756
<b>N.</b>		Pasture, Native .. .. .	231
Native Bryony .. .. .	512	Pasture, Preparation of Seed Bed for .. .. .	429
Native Marjoram, A Suspected Plant .. .. .	634	Pastures and Their Management, Sown .. 6, 119, 258, 414, 567, 679	
Neatsfoot Oil Keeps Harness in Good Order .. .. .	708	Pastures of the Sandy Ridges of the Lockyer Valley, A Top-dressing Experiment on the .. .. .	16
Nettles, Cudweeds, Turnip weed, and Fish Weed .. .. .	512	Pastures, Overstocking of .. .. .	379
Neutralisation of Cream .. .. .	432	Peanut Board .. .. .	93, 378
New Guinea, Sugar Cane in .. .. .	721	Peanut Board Election .. .. .	378
New Weed in Tropical Queensland, A .. .. .	430	Phosphatic Manures .. .. .	68
Northern Pig Board .. .. .	636	Planting of Bananas, The .. .. .	603
Northern Pig Board Levy .. .. .	92		



# GENERAL INDEX.

IX.

	PAGE.
Planting of Grass Cuttings ..	596
Plant Nutrition .. ..	22
Plants from the Mid-West Identified .. ..	86
Plants, Inconspicuous Organisms Which Aid the Growth of ..	564
Plants, Poisonous .. ..	376
Plough, A New Trash .. ..	623
Plums, Grade Standards for ..	742
Plywood and Veneer Board ..	636
Pig and Dairy Farmers, Annual School of Instruction for ..	96
Pig Board Levy, Northern .. ..	92
Pig Board, Northern .. ..	636
Pig Breeders' Annual—World Pig Progress .. ..	515
Pig Farm, The .. 152, 310, 445, 599,	701
Pig-feeding, A Substitute for Milk in .. ..	451
Pig-feeding, Hints on .. ..	703
Pigments in Milk .. ..	135
Pig, Parasites of the .. ..	400
Pig Producers' Paradise, A ..	451
Pig, When Buying a .. ..	743
Pigs are Unprofitable, Sick ..	163
Pigs at the Brisbane Show, Export Bacon .. ..	452
Pigs, Branding of .. ..	601
Pigs, Feeding Bacon .. ..	702
Pigs, Hot Weather Ailments in ..	599
Pigs, Lifting .. ..	235
Pigs, Losses Among Young ..	704
Pigs Need Exercise .. ..	743
Pigs on the Farm, Weighing ..	159
Pigs, Prevention of Disease in ..	140
Pigs, Root Crops for .. ..	65
Pigs, Sweet Potatoes and Arrowroot for .. ..	161
Pigs, Successful at Sydney Show, Queensland .. ..	162
Pigs, Type Classification of ..	310
Pigs Without the Sow, Rearing ..	315
Pigs, Yield of Carcase in Pork and Bacon .. ..	450
Pineapple Levy .. ..	378
Pineapples, Preparing Land for Spring Planting of .. ..	205
Pineapples, Yellow Spot Disease of ..	665
Pisé Dwelling, An Attractive ..	145
Pitted Blue Grass .. ..	70
Pneumonia in Swine .. ..	701
Points for Poultry Breeders ..	710
Poisonous Plants .. ..	376
Poison Plants, Some .. ..	225
P.O.J. 2878, Save .. ..	714
Pork and Bacon Carcases, Judging ..	152
Pork and Bacon Pigs, Yield of Carcase in .. ..	450
Potato Bush .. ..	230

B

	PAGE.
Potato Seed, Use Certified .. ..	64
Potato Selection, Seed .. ..	208
Potatoes (Sweet) and Arrowroot for Pigs .. ..	161
Poultry Breeders, Points for ..	710
Poultry Industry, New Legislation for .. ..	518
Poultry, Nutritional Requirements of .. ..	95
Poultry, Vent Picking by .. ..	25
Poultry, Worms in .. ..	82
Premier's Work in London, The ..	1
Preparation of Land for Maize ..	158
Preparations of Seed-bed for Pasture .. ..	429
Preparing Land for Spring Planting of Pineapples .. ..	205
Prevention of Disease in Pigs ..	140
Prickly Supple Jack .. ..	375
Production Recording .. 79, 371, 506,	735
Profitable Dairying .. ..	69
Profitable Litter, A .. ..	309
Profitable Sow, A .. ..	704
Pruning Deciduous Fruit Trees ..	144
Pruning Grape Vines to Avoid Injury by Spring Frosts ..	496
Public Servant, The Taxpayer and the .. ..	694
Pullets, Care of Growing .. ..	477
Purgative Properties .. ..	512
Purple Datura .. ..	84

## Q.

Qualifications in Veterinary Science ..	232
Quality, Improving Cream .. ..	440
Quality of Dairy Produce .. ..	598
Queensland, Agriculture in .. ..	530
Queensland, A New Weed in Tropical .. ..	430
Queensland Cane Growers' Council ..	515
Queensland Council of Agriculture, The .. ..	250
Queensland Pigs Successful at Sydney Show .. ..	162
Queensland's Agricultural Advantages .. ..	110
Queensland Show Dates for 1937 ..	51
Queensland, The Present Situation Regarding the Giant American Toad in .. ..	209

## R.

Rainfall in the Agricultural Districts .. 107, 247, 387, 527, 651, 757	
Rainfall on Grasshopper Infestation, The Effects of .. ..	640
Rat Investigation .. ..	201
Ratoon Crops, Liming .. ..	76

	PAGE.		PAGE.
Ratstail or Parramatta Grass ..	72	Sheep Land for Grazing Selection.	
Rattle Pod. Common Weeds ..	633	Barcardine and Home Creek Resumptions ..	510
Rearing of Chickens, The ..	316, 744	Sheep Lands for Grazing Resumption. Wellshot Resumption ..	650
Rearing Pigs Without the Sow ..	315	Sheep Lands for Grazing Homestead Selection, Katandra Resumption ..	30
Recording, Production ..	79, 371, 506	Sheep, Spraying and Jetting of ..	308
Red Cotton Bush, "Red Head" or ..	741	Sheep, Tar Branding of ..	516
"Red Head" or Red Cotton Bush ..	741	Sheep, Worms in ..	382
Red-shouldered Leaf Beetle, The Control of the ..	730	Show Dates for 1937, Queensland	51
Red Spider ..	4	Sick Animals, Care of ..	5
Red Worms in Horses ..	444	Sick Pigs are Unprofitable ..	163
Registration of Veterinary Surgeons ..	93	Soil Pests, Aeration and ..	641
Rice Grass ..	86	Soil, The ..	325
Rockhampton, New Sanctuary Near, Wild Life Preservation ..	92	Soils, The Role of Legumes in Rejuvenating Old ..	141
Roly Poly, Species of ..	376	Some Bush Flowers ..	86
Root Crops for Pigs ..	65	Some Tropical Fruits ..	57, 181, 340
Rose Apple, The ..	726	Scoty Mould on Sugar Cane in the Babinda District ..	724
Rural Topics 94, 233, 379, 516, 637, 743		Sore Teats in Milking Cows ..	638
Rural Trends ..	111	Sorghums, One of the ..	83
Rust Thrips Control, Banana ..	392	Sorghums, The Saccharine ..	354
<b>S.</b>		South Burnett Plants Named ..	741
Saccharine Sorghums, The ..	354	South-eastern Queensland, Groundselbush in ..	656
Salt, Water and ..	372	Southern Queensland, Sugar Cane Varieties for ..	720
Salt Weed ..	230	Sow, A Profitable ..	704
Sandy Ridges of the Lockyer Valley, A Top-dressing on the Pastures of the ..	16	Sow, Rearing Pigs Without the ..	315
Sapodilla, The ..	340	Sowing Tobacco Seed ..	606
Save P.O.J. 2878 ..	714	Sowings, Seasonal ..	501
Sawdust Packing for Grapes ..	728	Sown Pastures and their Management ..	6, 119, 258, 414, 567, 679
Scheme, Local Butter Marketing, and Equalisation System ..	92	Spear and Wire Grasses ..	513
Science in Dairying ..	3	Specimens from Tambourine Mountain Identified ..	85
Scrub Panicum ..	83	Spider, Red ..	4
Scrub Wilga. Ironwood. Yellowwood ..	634	Spraying and Jetting of Sheep ..	308
Season, The Chicken ..	478	Spring Frosts, Pruning Grape Vines to Avoid Injury by ..	496
Seasonal Sowings ..	501	Spring Planting of Pineapples, Preparing Land for ..	205
Sedges, Grasses and ..	226, 633	Staff Changes and Appointments ..	91, 232, 377, 514, 635, 742
Seed Potato Selection ..	208	Stallions, Hereditary Unsoundness in ..	93
Seed, Use Certified Potato ..	64	Standover Cane, Fertilizer for ..	713
Seed-bed for Pasture, Preparation of ..	429	Standover Cotton, Menace of ..	617
Seedling Hothouse at Bundaberg ..	625	State's Resources, Development of the ..	653
Seeds Every Farmer Should Know ..	618	Stock, Branding and Ear-marking of ..	206
Selecting New Banana Areas ..	34	Stock Foods and Feeding ..	234
Selection, Seed Potato ..	208	Stock Restrictions Rescinded, Transborder ..	635
Sheep Grazing at the Mackay Experiment Station ..	136	Stock, Treatment of Common Ailments in ..	26
Sheep Holdings, Improvements on Small ..	94		
Sheep Land for Grazing Homestead Selection ..	381		



	PAGE.
Stock, Two Weeds Poisonous to ..	233
Stored Honey, Care of .. ..	78
Stramonium or Thorn Apple ..	87
Strawberries, Marketing .. ..	326
Strawberry Culture .. ..	731
Substitute for Milk in Pig-feeding, A .. ..	451
Substitutes for Lead Arsenate in the Control of Codling Moth, Possible .. ..	602
Suction Gas, A Tractor Operating by .. ..	171
Sugar .. ..	63
Sugar Cane Assessments .. ..	92
Sugar Cane, Fertilizing .. ..	720
Sugar Cane in New Guinea ..	721
Sugar Cane in the Babinda Dis- trict, Sooty Mould on .. ..	724
Sugar Cane Varieties for Southern Queensland .. ..	720
Sugar Industry, History of the ..	320
Sugar Levies .. ..	77
Sugar Mill Suppliers' Committee, District Executives and .. ..	93
Sugar Situation, The .. ..	109
Sugar, The Romance of .. ..	251
Summer Cultivation .. ..	712
Summer Fodder Crops in the Maranoa .. ..	174
Summer Fruit Drinks .. ..	756
Sunspots and Climate .. ..	150
Suspicion, Under .. ..	376
Sweet Potatoes and Arrowroot for Pigs .. ..	161
Sweet Potato, The .. ..	505
Swine, Pneumonia in .. ..	701
Sydney Show, Queensland Pigs Successful at .. ..	162

## T.

Taints, Common, Milk and Cream	138
Tar Branding of Sheep .. ..	516
Taxpayer and the Public Servant, The .. ..	694
Telegrams, Christmas .. ..	734
Three-day Sickness .. ..	99
Timber Wealth, Our Untold ..	96
Tobaccos, Native .. ..	632
Tobacco Plants, Destruction of Old	563
Tobacco Seed—Bed Covers, The Treatment of to Prolong Their Useful Life .. ..	112
Tobacco Seed, Sowing .. ..	606
Tobacco Seedling Production in North Queensland .. ..	558
Tomato Culture .. ..	35
Tomatoes in the Central District ..	495
Top-dressing Experiment on the Pastures of the Sandy Ridges of the Lockyer Valley, A ..	16

	PAGE.
Topics, Rural	94, 233, 379, 516, 637, 743
Tourist Travel	520
Tractor Operating by Suction Gas,	
A	171
Trans-border Fruit Trade	635
Trans-border Stock Restrictions	
Rescinded	635
Trash Plough, A New	623
Travel, Tourist	520
Treatment of Common Ailments in	
Stock	26
Treatment of Horses for Worms	210
Treatment of Tobacco Seed-bed	
Covers to Prolong their Use-	
ful Life, The	112
Trees, Shade and Shelter	375
Trolley, A Clothes	319
Tropical Fowl Mite	479
Tropical Fruits, Some	57, 181, 340
Tropics and Man, The	80, 220, 372, 508,
	629, 736
Trucking Fat Lambs	518
Turkey Bush, Ellangowan Poison	
Bush	634
Turnip Weed, Cudweeds, Fish	
Weed and Nettles	512
Type Classification of Pigs	310
"Type," The Importance of in	
Merino Flocks	31

## U.

Udder, The Importance of Washing the .. .. .	94
Unprofitable; Sick Pigs are ..	163
Use Certified Potato Seed ..	64
Use of Acetylene to Induce Flowering in Pineapple Plants, The	532

**v.**

Vegetable Crop Rotation .. ..	345
Vent Picking by Poultry .. ..	25
Veterinary First-aid Chests ..	26
Veterinary Science, Qualifications in .. ..	232
Veterinary Surgeons, Registration of .. ..	93

## W.

Washaways, Checking Small	..	637
Water and Salt	.. ..	372
Wattle and Grasses	.. ..	224
Weed—		
A Common. Hexham Scent	..	740
Arsenic	.. ..	228
From East Indies	.. ..	633
In Tropical Queensland, A New		430
On the Darling Downs, A New	..	692





## INDEX TO ILLUSTRATIONS.

	PAGE.		PAGE.
Acetylene, Acceleration in Time of Fruiting of Pineapples Result- ing from Treatment with ..	533	Belah Scrub Carrying a Heavy Coating of Native Grasses Eighteen Months After Ring- barking, Brigalow and ..	8
Acetylene Solution—		Berkshire—	
Applying, by Means of a Flame- thrower .. .. .	540	and Large Black Carcasses ..	474
Applying by Means of a Knap- sack Sprayer .. .. .	538	and Tamworth Carcasses ..	464
Diagram of Equipment for Pre- paring .. .. .	536	Bear, Woodbine Lentonious 5th	162
Equipment Set Up for Preparing	535	Carcasses, Tamworth and ..	460
In a Replanted Field at Woombye, Application of ..	541	Sow and Litter .. .. .	446
Trigger Release and Jet Recom- mended for the Application of .. .. .	539	Sow, "Wide Bay Zella," Reserve Champion .. .. .	446
Acetylene-treated Plants in the Dayboro' District, Partially- developed fruits on .. .. .	542	Big Boll Variety, Testing for Strength in a .. .. .	306
African—		Blackbutt Forest, Natural Re- generation of a .. .. .	216
Finger Grass .. .. .	419	Black Spot Attacking a Young Papaw .. .. .	545
Star Grass .. .. .	421	Blossom Time in the Peach Orchard .. .. .	350
Agricultural and Mineral Wealth of the Central Burnett .. .. .	369	Boar—	
Animal Health Station Exhibit ..	366	Burnham Prim Boy .. .. .	311
Anvil, Home-made .. .. .	631	Dringhouses Resolute .. .. .	312
Artesian Bore on Yamburgan Station, Near Dirranbandi ..	627	Brigalow and Belah Scrub Carrying a Heavy Coating of Native Grass Eighteen Months After Ringbarking .. .. .	8
Atherton Tableland, Logs from the Rain Forests .. .. .	219	Broadcaster Mounted on—	
Avocado—		Dray .. .. .	198
An Eight-year-old Grafted ..	117	Motor Truck .. .. .	198
Fruit, and Fruit Cut Transversely Showing Seed in Lower Section .. .. .	118	Steel Wheel Sulky .. .. .	199
Baconers, First Prize Light ..	447	Sulky with Pneumatic Tyres ..	199
Bald Blair Nora II., Champion Aberdeen Angus Cow at the Last Brisbane Show .. .. .	700	Brookfield—	
Bald Blair Watt, Aberdeen Angus Bull .. .. .	700	A Hillside Plantation .. .. .	490
Banana—		Eighteen-months-old Papaw Plant on Major Savage's Planta- tion at .. .. .	485
Country, South Coast District, Queensland .. .. .	344	Female Papaw in Flower and Fruit in a Plantation at ..	483
Plantation, Queensland, A North Coast .. .. .	344	Near Brisbane, Male Papaw Plant in Flower at .. .. .	482
Rust Thrips, Injury Caused by the .. .. .	393	View of Hilly Country and Planted Slopes, Another ..	490
Bapaume, A Peach Orchard ..	349	Young Hillside Plantation on Major Savage's Property at ..	488
Barakula, A Thinned-out Cypress Pine Stand near .. .. .	212	Brown or Sewer Rat .. .. .	204
Barley (Cape) and Field Peas ..	680	Buffalo Grass on an Eroded Bank	417
Barron—		Buffel Grass .. .. .	422
A Plantation of Red Cedar at ..	214	Bull Mitchell Grass on a Mixed Mitchell Grass Plain in Western Queensland .. .. .	6
North Queensland, A Twenty- year-old Stand of Kauri Pine at .. .. .	213	Bundaberg Experiment Station, New Seedling House .. .. .	625
Slash Pine Plantation at ..	213	Burnham Prim Boy, Boar .. ..	311
		Burradale Byron, Champion Aus- tralian Illawarra Shorthorn ..	696
		Burr Medic .. .. .	594

	PAGE.		PAGE.
Caboolture District, Italian Rye Grass in the .. .. .	684	Custard Apple Plantation, Summer Green-manure Crop of <i>Crotalaria</i> in a .. .. .	55
Callide Valley, Central Queensland, a Portion of a 100-acre Field in the—Cotton .. .. .	283	Cutter, Slide .. .. .	288
Cane—		Cutting a Heavy Crop of Sudan Grass .. .. .	174
An Advanced Stage of Fiji Disease Attack on a Growing Stalk of .. .. .	715	Cypress Pine Stand near Barakula, A Thinned-out .. .. .	212
Depressed Growth of Outer Rows of Cane Due to Action of Wind .. .. .	723	Daggs Falls, near the Spring Creek Road, at Killarney ..	238
In a Badly Drained Depression, a Poor Stand of .. .. .	719	Dairy Farm, Adjacent Paspalum Paddocks on an East Moreton	132
Cape Barley and Field Peas ..	680	Darling Downs, A New Weed on the <i>astragalus hamosus</i> ..	693
Cavalry Escort, The Governor- General's .. .. .	359	Dayboro' District, Partially- developed Fruits on Acety- lene-treated Plants in the ..	542
Cayenne Fruit Affected with Yellow Spot, A Smooth .. .. .	668	Departmental Court, The Journal Alcove in the .. .. .	367
Central Burnett, The Agricultural and Mineral Wealth of the ..	369	Diseases, Papaw Fruit .. .. .	549
Central Queensland, Harvesting a Crop of Soudan Grass in ..	571	Ditch—	
Central West, A Young Sorghum Crop in the .. .. .	572	Delivery of Water from Flume to Main Ditch .. .. .	608
Ceremony at the Brisbane Show, Opening .. .. .	357	Furrow, Irrigation from Main ..	610
Charleville—		Main or Feeder .. .. .	610
A Maize Crop Grown for Fodder at .. .. .	65	To Furrows, Delivery of Water from Feeder .. .. .	611
South-western Queensland, Grown under Conditions of Natural Rainfall, A Wheat Crop at	63	Dodder—	
Sudan Grass Grown for Hay on a Property near Charleville ..	67	Lucerne Plant with .. .. .	619
Clothes Trolley, A .. .. .	319	Red Clover Infested with ..	621
Colinton, Brisbane Valley, A Ten- year-old Silky Oak Stand at	215	Dodder Seed—	
Columboola, A Wheat Crop at ..	713	Lucerne Seed and .. .. .	619
Cootharaba Fancy IV., Champion Hereford Cow at the Last Brisbane Show .. .. .	699	Dray, Broadcaster Mounted on ..	198
Cotton—		Dringhouses Resolute, Boar ..	312
A portion of a 100-acre Field in the Callide Valley, Central Queensland .. .. .	283	“Dry Farming” in the West ..	66
Packing .. .. .	300	Duncan Grapefruit .. .. .	191
Rotate Rhodes Grass with ..	285	Cross Section .. .. .	193
Testing for a Strength and Drought Resistance in a Big Boll Variety .. .. .	306	Eglinton, The Late Dudley ..	73
Cowpea Crop on a North Queens- land Farm, A .. .. .	578	Elephant Grass .. .. .	279
Cowpeas Sown for Green Manuring Purposes .. .. .	123	Farm—	
Crotalaria in a Custard Apple Plantation, Summer Green- manure Crop of .. .. .	55	A Model Pig .. .. .	365
Crowbar, An Emergency .. .. .	307	A Model Poultry .. .. .	366
Cultivation, Illustrating Efficient	294	Buildings of Pisé on Mr. Stewart Galletly's Property near Woodridge .. .. .	148
		Farmer, Science Serves the ..	365
		Female Flowers and Fruit of Papaw .. .. .	484
		Field—	
		Day on the Property of Mr. W. Dawson, Wonga, via Woolooga .. .. .	163
		Of Sudan Grass, A .. .. .	175
		Peas and Skinless Barley in a Citrus Plantation, Winter Green-manure Crop of ..	54
		Rat .. .. .	203
		Fiji Disease .. .. .	714, 717
		An Advanced Stage of, Attack on a Growing Stalk of Cane .. .. .	715
		Ratooning Diseased Stools ..	716



	PAGE.		PAGE.
First Prize Light Baconers ..	447	Green Manuring Purposes, Cowpeas	
Flamethrower, Applying Acetylene		Sown for .. .. .	123
Solution by Means of a ..	540	Green Vegetable Bug, Granadilla	
Fleeces, Queensland's Wealth in		Attacked by the .. ..	187
Fine Merino .. .. .	363	Groundsel-bush—	
Flowers and Ripe Fruit of the		A Coastal Pasture Invaded by ..	661
Rose Apple .. .. .	727	Showing Leaves and Inflorescence	658
Flower, The Granadilla .. ..	185	Guinea Grass .. .. .	277
Foot Rot, Papaw Affected with ..	545	Hedge, The Beauty of a Well-kept	752
Forest, South Burnett, Typical		Hinges, Home-made Gate .. ..	257
Grassland .. .. .	7	Home-made Anvil .. .. .	631
Fruit, A Fine Cluster of Young ..	37	Home-made Gate Hinges .. ..	257
Fruitful Country, Products of a ..	361	House Rat .. .. .	204
Fruit Lands, The Wealth of		<i>Hyptis capitata</i> , A New Weed in	
Woombye .. .. .	370	Tropical Queensland .. .. .	431
Fruit of the Rose Apple, Flowers		Implement, A Useful .. .. .	343
and Ripe Fruit of the .. ..	727	Injectons, Tip .. .. .	674
Fulford Wink, Sow .. .. .	313	Injury Caused by the Banana Rust	
Gadgarra, A Seven-year-old Maple		Thrips .. .. .	393
Plantation at .. .. .	214	Irrigation—	
Garden, Morning in a Brisbane ..	648	From Main Ditch, Furrow .. ..	610
Gate Hinges, Home-made .. ..	257	Pipe Line, An—Tomatoes .. ..	41
Georgina, Crossing the .. ..	374	Spear, An .. .. .	613
Giant Panic Grass .. .. .	275	Italian Rye Grass—	
Glen Niven, near Stanthorpe, In the		In a Maize Crop .. .. .	685
Peach-growing Country, on the		In the Caboolture District .. ..	684
Road to .. .. .	351	Jacqueline—A Little Queenslander	
Golf Hill Chevalier, Champion		of the Cattle Country of the	
Hereford Bull at the Last		South-West .. .. .	244
Brisbane Show .. .. .	699	Journal-Alcove in the Departmental	
*Governor-General's—		Court, The .. .. .	367
Cavalry Escort, The .. .. .	359	Kauri Pine at Barron, North	
Naval Guard of Honour, The ..	358	Queensland, A Twenty-year-old	
Grain Region, The Wealth of		Stand of .. .. .	213
Queensland's Great .. .. .	360	Khaki Rat .. .. .	203
Grain Sorghums, A Display of ..	362	Kidney Worm .. .. .	411
Granadilla—		Kikuyu Grass .. .. .	271
Attacked by the Green Vegetable		Killarney, South Queensland, Crop	
Bug .. .. .	187	and Pasture Land near .. ..	353
Cuttings Prepared for Planting ..	183	Kirrama State Forest, North	
Flower, The .. .. .	185	Queensland, On the Road to ..	711
Shed Carrying a Good Crop of		Knapsack Sprayer, Applying Acety-	
Fruit, A Mature .. .. .	188	lene Solution by Means of a ..	538
Shed Carrying Twelve-month-old		Lala Apple, Little Leaf on .. ..	675
Vines .. .. .	184	Large Black Carcases, Berkshire	
Grand Parade, The Show Stock		and .. .. .	474
Muster for the .. .. .	356	Large Roundworm .. .. .	405
Grapefruit—		Large White, Carcases of .. ..	458, 466
Duncan .. .. .	191	Lawyer Vine, Weighing Basket	
Cross-section .. .. .	193	made with .. .. .	159
For Table, Preparing a .. ..	192	Lint for Australian Looms,	
Marsh .. .. .	189	Queensland .. .. .	363
Cross-section .. .. .	190	Little Leaf on Lalla Apple .. ..	675
Grass, All Flesh is .. .. .	362	Little Leaf Spraying Experiment ..	676
Green-manure Crop of Young		Logs from the Rain Forest, Ather-	
Lupins in the Citrus Plantation,		ton Tableland .. .. .	219
Winter .. .. .	52	Looms, Queensland Lint for	
		Australian .. .. .	363
		Louse, Pig .. .. .	400

	PAGE.		PAGE.
Lucerne—		Model Poultry Farm, A ..	366
Plant with Dodder .. ..	619	Molasses Grass—	
Seed .. ..	619	A Plant of .. ..	273
Seed and Dodder Seed .. ..	619	Pasture, A .. ..	274
Townsville .. ..	569	Morning in a Brisbane Garden ..	648
Lung Worm .. ..	410	Motor Truck, Broadcaster Mounted	
Lupin, New Zealand .. ..	53	on .. ..	198
Lupins in the Citrus Plantation,		Mycorrhiza and Fungus Fruiting	
Winter Green-manure Crop of		Body on Roots of Pine Tree ..	565
Young .. ..	52	Nematode, Root Knot .. ..	557
Lyre Bird Builds Her Nest, Near		Nodule Worm .. ..	409
Where the .. ..	748	North Queensland Farm, A Cow-	
Mabolo—		pea Crop on a .. ..	578
A Mature Tree about Forty Years		Naval Guard of Honour, The	
Old .. ..	58	Governor-General's .. ..	358
Fruit, The .. ..	59	New Zealand Lupin .. ..	53
Seedling, Illustrating the Slow		North Coast Strawberry Garden,	
Growth, A Three-year-old ..	57	A .. ..	329
Mackay Experiment Station—		Oxford Brown Victory, Champion	
Flock of Merino-Corriedale Ewes		Jersey Bull at the Last Bris-	
at the .. ..	137	bane Show .. ..	697
Romney Marsh Ram at the ..	137	Oxford Joyful Maid, Champion	
Maize Crop—		Jersey Cow at the Last Bris-	
A Sledge Cutter at Work in an		bane Show .. ..	697
Immature .. ..	574	Packed for—	
Grown for Fodder at Charleville,		Export, Large Papaws .. ..	492
A .. ..	65	Local Market, Papaws .. ..	493
Italian Rye Grass in a .. ..	685	Packer at Work, The Tomato ..	50
Maize, Velvet Beans Growing		Packing—	
Amongst .. ..	579	Cotton .. ..	300
Maleny District, A Mixed Pas-		The Tray—Strawberries ..	338
palum-White Cover Pasture in		Pack—	
the .. ..	122	“Threes” in Boxes, How to—	
Maple Plantation at Gadgarra,		Strawberries .. ..	334
North Queensland, A Seven-		“Fours” in Boxes, How to—	
year-old .. ..	214	Strawberries .. ..	335
Mapleton State Forest, Snigging		“Fives” in Boxes, How to—	
Hardwood Logs with a Cater-		Strawberries .. ..	336
pillar Tractor .. ..	217	The Box, How to Start to—	
Map Showing the Main Areas		Strawberries .. ..	333
(marked in red) in which Sown		Trays, How to—Strawberries ..	337
Pastures are Utilised .. ..	9	Palm Island, North Queensland,	
Maranoa, Sowing Rhodes Grass on		Sunset at .. ..	753
Rotting Prickly-pear in Briga-		Papaw—	
low and Belah “Scrub” in the	121	Affected with Foot Rot .. ..	545
Marsh Grapefruit .. ..	189	Black Spot Attacking a Young	545
Cross-section .. ..	190	Female Flowers and Fruit of ..	484
May IV. of Oakvale, the A.I.S.		Fruit Diseases .. ..	549
Champion Cow at the 1937		In Flower and Fruit on a	
Brisbane Show .. ..	696	Plantation at Brookfield,	
Merino-Corriedale Ewes at Mackay		Female .. ..	483
Experiment Station, Flock of	137	Plantation at Sunnybank, A ..	481
Merino Fleeces, Queensland's		Plantation, Sunnybank, Young ..	486
Wealth in Fine .. ..	363	Plant in Flower at Brookfield,	
Middle White Sow, “Turo Boronia		near Brisbane, Male .. ..	482
II.” .. ..	448	Plant on Major Savage's Planta-	
Milets, Seedheads of Various ..	576	tion at Brookfield, Eighteen-	
Mineral Wealth of the Central		months-old .. ..	485
Burnett, The Agricultural and	369	Powdery Mildew of the .. ..	547
Mite, Sarcoptic Mange .. ..	401	Yellow Crinkle of the .. ..	551
Model Pig Farm, A .. ..	365		



	PAGE.		PAGE.
Papaws—		Pineapples, Acceleration in Time of	
A Hillside Plantation, Brookfield.	490	Fruiting of, resulting from	
Growing in a Chinaman's Garden		Treatment with Acetylene ..	533
at Redlynch, North Queens-		Pine Tree, Mycorhiza and Fungus	
land .. .. .	489	Fruiting Body on Roots of ..	565
Packed for Export, Large ..	492	Pisé—	
Packed for Local Market. ..	493	Farm Buildings of, on Mr.	
Young Hillside Plantation on		Stewart Galletly's Property	
Major Savage's Property at		near Woodridge .. ..	148
Brookfield .. .. .	488	Construction, An Example of ..	146
Paragrass, Showing Habit of		Plough—	
Growth .. .. .	260	Illustrating the Work of the New	
Paspalum—		Trash .. .. .	624
Paddocks on an East Moreton		New Trash .. .. .	623
Dairy Farm, Adjacent ..	132	Trash, New; Detail of Cutting	
Pasture, A .. .. .	267	Wheel .. .. .	624
Paspalum White Clover Pasture in		Poultry Farm, A Model .. ..	366
the Maleny District, A Mixed	122	Powdery Mildew of the Papaw ..	547
Passion Vine Soils, Reconditioning	54	<i>P. quadrangularis</i> , Good Specimens	
Pasture—		of .. .. .	186
A Molasses Grass .. .. .	274	Prairie Grass in Seed .. .. .	587
A Paspalum .. .. .	267	Prairie Grass Pasture, A .. ..	586
A Prairie Grass .. .. .	586	Products of a Fruitful Country ..	361
Invaded by Groundsel-bush, A		Queen's Gardens, Brisbane, A View	
Coastal .. .. .	661	of .. .. .	236
Land near Killarney, South		Queensland's Great Grain Region,	
Queensland, Crop and ..	353	The Wealth of .. .. .	360
Pastures—		Rain Forests, Atherton Tableland,	
Map showing the Main Areas		Logs from the .. .. .	219
(marked in red) in which		Rat—	
Sown Pastures are Utilised	9	Brown or Sewer .. .. .	204
Peaches Ready to Pick .. .. .	350	Field .. .. .	203
Peach-growing Country, on the		House .. .. .	204
Road to Glen Niven, near Stan-		Khaki .. .. .	203
thorpe, in the .. .. .	351	Ratooning Diseased Stools—Piji	
Peach Orchard—		Disease .. .. .	716
Bapaume, A .. .. .	349	Rear View of Slide Cutter .. ..	288
Blossom Time in the .. .. .	350	Reconditioning—	
Peas (Field) and Cape Barley ..	680	Passion Vine Soils .. .. .	54
<i>Phalaris tuberosa</i> .. .. .	581	Pineapple Soils .. .. .	56
Picking Tomatoes .. .. .	44	Red Cedar at Barron, A Plantation	
Picking Tray—		of .. .. .	214
Filled with Fruit—Strawberries	331	Red Clover, Heavily Infested with	
Holder—Strawberries .. ..	327	Dodder .. .. .	621
Using the—Strawberries ..	327	Redland Bay, A Ground Crop—	
Pig—		Tomatoes .. .. .	40
Farm, A Model .. .. .	365	Redlynch, North Queensland, Papaws	
Louse .. .. .	400	Growing in a Chinaman's	
Pigs with Worms .. .. .	406	Gardens at .. .. .	489
Pineapple—		Regeneration of a Blackbutt Forest,	
Control of Yellow Spot Disease		Natural .. .. .	216
by Removal of Tops from		Rhodes Grass .. .. .	263
Maturing Fruit .. .. .	671	In the Hay Stage, A Stand of ..	262
Early Symptom (initial spot) of		On Rotting Prickly-pear in Briga-	
Yellow Disease on a Leaf		low and Belah "Scrub" in the	
Taken from an Infected Top	666	Maranoa .. .. .	121
Soils, Reconditioning .. ..	56	With Cotton, Rotate .. ..	285
Top, Yellow Spot Symptoms on a	667	Romney Marsh Ram at the Mackay	
Yellow Spot Symptoms on a Leaf		Experiment Station .. ..	137
produced above the "Initial		Root Knot Nematode .. .. .	556
Spot" Leaf .. .. .	666		

	PAGE.		PAGE.
Roseapple, Flowers and Ripe Fruit of the .. .. .	727	Staked Tomatoes .. .. .	42
Rotary Hoe Attachment, Suction Gas Tractor with .. ..	172	Station Garden, In a Western ..	645
Roundworm, Large .. .. .	405	Steel Wheel Sulky, Broadcaster Mounted on .. .. .	199
Ryegrass, Wimmera .. .. .	585	St. Lucia Farm School, Produce from .. .. .	364
Sapodilla Tree—A Queensland Specimen .. .. .	341	Stomach Worms .. .. .	404
Sarcoptic Mange Mite .. .. .	401	Strawberries—	
Science Serves the Farmer .. ..	365	A Ripening Harvest .. .. .	339
"Scrub" Area, A Freshly-burnt ..	120	Finished Tray Showing the Placing of Fern on the Top of the Fruit Before Placing Lid in Position .. .. .	339
Seed—		How to Pack "Threes" in Boxes ..	334
Broadcasting Machine, A Popular Type of Hand-operated .. ..	126	How to Pack "Fours" in Boxes ..	335
Prairie Grass in .. .. .	587	How to Pack "Fives" in Boxes ..	336
Seed-sower, The Liddle Type of ..	125	How to Pack Trays .. .. .	337
Seedheads of—		How to Start to Pack the Box ..	333
Two Forms of Setaria .. ..	577	Packing the Tray .. .. .	338
Various Millets .. .. .	576	Picking Tray Filled with Fruit ..	331
Seedling House, Bundaberg Sugar Experiment Station, New .. ..	625	Strawberry Garden, A North Coast ..	329
Setaria, Seedheads of Two Form of ..	577	Suction Gas—	
Shed Carrying a Good Crop of Fruit, A Mature Granadilla .. ..	188	Illustrating the Tractor Operated by .. .. .	171
Show Stock Muster for the Grand Parade .. .. .	356	Tractor with Rotary Hoe Attachment .. .. .	172
Show, The Opening Ceremony at the Brisbane .. .. .	357	Sudan Grass—	
Silky Oak Stand at Colinton, Brisbane Valley, A Ten-year-old ..	215	A Field of .. .. .	175
Slash Pine Plantation at Barron ..	213	Cutting a Heavy Crop of .. ..	174
Sledge Cutter at Work in an Immature Maize Crop, A .. .. .	574	Grown for Hay on a Property near Charleville .. .. .	67
Slide Cutter .. .. .	288	In Central Queensland, Harvesting a Crop of .. .. .	571
Rear View of .. .. .	288	Sulky with Pneumatic Tyres, Broadcaster Mounted on .. .. .	199
Snigging Hardwood Logs with a Caterpillar Tractor, Mapleton State Forest .. .. .	217	Sunnybank—	
Spear—		A Papaw Plantation at .. .. .	481
An Irrigation .. .. .	613	Young Papaw Plantation .. ..	486
Installations, Illustrating Use of Concrete Lined Wells for Deep Spear .. .. .	615	Sunset at Palm Island, North Queensland .. .. .	753
New Type of Slotted .. .. .	613	Table, Preparing a Grapefruit for ..	192
System, Typical Arrangement of ..	614	Tamworth—	
Specimens of <i>P. quadrangularis</i> , Good .. .. .	186	And Berkshire Carcasses .. ..	460
Spraying Experiment, Little Leaf ..	676	Carcasses .. .. .	468
Spring Balance and Basket in Use ..	160	Carcasses, Berkshire and .. ..	464
Sorghum Crop in the Central-West, A Young .. .. .	572	Sow—	
Sow, Fulford Wink .. .. .	313	"Wattledale Lydia Pet," Champion .. .. .	449
Watford Gracious Lady .. ..	314	Wattledale Trilby .. .. .	162
Sow and Litter—		Sow and Litter .. .. .	450
Berkshire .. .. .	446	Tamworths, Carcasses of .. .. .	462
Tamworth .. .. .	450	Tares, Wheat and .. .. .	682
Staghorn Falls, Yungaburra, Tableland, N.Q. .. .. .	747	Tassel Grass .. .. .	424
Staked Break o' Day—Tomatoes ..	43	Thorn-Headed Worm .. .. .	405
		Timber Lands, Wealth from Queensland's Tropical .. ..	218
		Tip Injections .. .. .	674
		Tobacco Exhibit .. .. .	367

	PAGE.		PAGE.
Tomatoes—		Wessex Carcasses .. ..	470, 472
A Fine Showing of Young Fruit ..	47	Western Queensland, Bull Mitchell	
A General View of a Trellised		Grass on a Mixed Mitchell	
Field .. .. .	46	Grass Plain in .. ..	6
A Ground Crop, Redland Bay ..	40	Western Station Garden, In a ..	645
An Irrigated Pipe Line .. ..	41	West Moreton Wins Again ..	368
Picking .. .. .	44	Wheat and Tares .. ..	682
Redland Bay, A Line Crop of		Wheat Crop at—	
Trellised and Irrigated .. ..	49	Charleville, South-Western	
Staked .. .. .	42	Queensland, Grown Under Con-	
Staked Break o' Day .. ..	43	ditions of Natural Rainfall ..	63
Trellised .. .. .	36, 48	Columboola, A .. ..	713
Trellised System .. .. .	41, 46	Wheatfield, A Western .. ..	64
Tomato Packer at Work, The ..	50	Whip Worm .. .. .	409
Townsville Lucerne .. .. .	569	White Clover .. .. .	589
Tractor Operated by Suction Gas,		“Wide Bay Zella,” Reserve Cham-	
Illustrating the .. ..	171	pion Berkshire Sow .. ..	446
Trash Plough—		Wimmera Rye-Grass .. ..	585
Illustrating the Work of the New	624	Woodbine Lentonious 5th, Berk-	
New .. .. .	623	shire Boar .. .. .	162
New; Detail of Cutting Wheel	624	Woolly Finger Grass .. ..	418
Tray, Packing the—Strawberries	338	Woombye—	
Trolley, A Clothes .. .. .	319	Application of Acetylene Solu-	
Trellised and Irrigated Tomatoes,		tion in a Replanted Field at ..	541
Redland Bay, A Fine Crop of	49	Fruit Lands, The Wealth of the	370
Trellised—		Worm—	
Field, A General View of a—		Kidney .. .. .	411
Tomatoes .. .. .	46	Lung .. .. .	410
System—Tomatoes .. .. .	41, 46	Nodule .. .. .	409
Trellised Tomatoes .. .. .	36, 48	Thorn-Headed .. .. .	405
“Turo Boronia II.,” Champion		Worm, Whip .. .. .	409
Middle White Sow .. ..	448	Worms—	
Velvet Beans Growing Amongst		Pigs with .. .. .	406
Maize .. .. .	579	Stomach .. .. .	404
Water from Feeder Ditch to Fur-		Yamburgan Station, near Dirran-	
rows, Delivery of .. ..	611	bandi, Artesian Bore on ..	627
Water from Flume to Main Ditch,		Yellow Crinkle of the Papaw ..	551
Delivery of .. .. .	608	Yellow Spot—	
Watford Gracious Lady, Sow ..	314	A Smooth Cayenne Fruit Af-	
“Wattledale Lydia Pet,” Cham-		fected with .. .. .	668
pion Tamworth Sow .. ..	449	Disease, Control of, by Removal	
Wattledale Trilby, Tamworth Sow	162	of Tops from Maturing Fruit—	
Wealth from Queensland's Tropical		Pineapple .. .. .	671
Timber Lands .. .. .	218	Disease on a Leaf Taken from an	
Weed in Tropical Queensland,		Infected Top, Early Symptoms	
<i>Hyptis capitata</i> , A New ..	431	of Pineapple .. .. .	666
Weed on the Darling Downs, <i>Astra-</i>		Symptoms on a Leaf Produced	
<i>galus hamosus</i> .. .. .	693	Above the “Initial Spot” leaf	
Weighing Basket Made with Lawyer		—Pineapple .. .. .	666
Vine .. .. .	159	Symptoms on a Pineapple Top ..	667
		Yungaburra, N.Q., Staghorn Falls	947



## AUTHOR INDEX

	PAGE.		PAGE.
BALL, H. W.—		DIXON, W.—	
Some Fertilizing Points .. ..	649	Care of Sick Animals .. ..	5
BARNES, H.—		Antiseptics .. ..	71
The Papaw .. ..	480	Difficult Parturition .. ..	443
BECHTEL, W. H. and A. L. CLAY—		Sore Teats in Milking Cows ..	638
Weighing Pigs on the Farm ..	159	Castration of Colts .. ..	707
BELL, A. F.—		DOWNNEY, L. A.—	
Sugar Cane in New Guinea ..	721	Sweet Potatoes and Arrowroot	
BRYAN, W. W., J. K. MURRAY,		for Pigs .. ..	161
W. G. STEELE—		Rearing Pigs without the Sow ..	315
A Top-Dressing Experiment on		Yield of Carcase in Pork and	
the Pastures of the Sandy		Bacon Pigs .. ..	450
Ridges of the Lockyer Valley	16	A Substitute for Milk in Pig-	
BURGESS, L. A.—		Feeding .. ..	451
Profitable Dairying .. ..	69	FRANCIS, W. D.—	
Neutralisation of Cream .. ..	432	Overstocking of Pastures ..	379
Herd Testing and Profits ..	439	A New Weed in Tropical Queens-	
To Cull or Not to Cull .. ..	597	land .. ..	430
The Influence of Herd Testing	695	A New Weed on the Darling	
CALDWELL, N. E. H.—		Downs .. ..	692
Banana Rust Thrips Control ..	392	FREEMAN, H. J.—	
The Control of the Red-Shouldered		Tomato Culture .. ..	35
Leaf Beetle .. ..	730	Garden Seed Selection .. ..	647
CANNON, R. C.—		FREEMAN, J.—	
Tobacco Seedling Production in		The Planting of Bananas ..	603
North Queensland .. ..	558	GIBSON, A. E.—	
CAREW, J.—		An Attractive Pisé Dwelling ..	145
Spraying and Jetting of Sheep ..	308	GOODCHILD, N. E.—	
Farmers' Breeding Flocks ..	743	The Sweet Potato .. ..	505
CHRISTIE, G. A.—		GREGORY, J. H.—	
A Tractor Operated by Suction		The Fruit Market 60, 194, 346, 498,	
Gas .. ..	171	604, 732	
CLAY, A. L., and W. H. BECHTEL—		Marketing Strawberries .. ..	326
Weighing Pigs on the Farm ..	159	Sawdust Packing for Grapes ..	728
COLEMAN, F. C.—		GRIFFITHS, M. J.—	
Meatworks By-products .. ..	173	Care of Milk Utensils on the	
COLEMAN, T. B.—		Farm .. ..	71
Phosphatic Manures .. ..	68	Common Milk and Cream Taints	138
Seeds Every Farmer Should Know	618	GUNN, J.—	
COLLARD, H.—		The Dipping of Cattle .. ..	246
Citrus Trees and Their Food		GURNEY, E. H.—	
Requirements .. ..	149	Plant Nutrition .. ..	22
DEFRIES, C. H.—		HACKER, H.—	
Summer Fodder Crops in the		The Apiary .. ..	280, 637
Maranao .. ..	174	HAMLEY, W. E.—	
		Wind Breaks for Bananas ..	222

	PAGE.		PAGE.
HANCOCK, W. G.—		LEWCOCK, H. K.—	
Preparing Land for Spring		The Use of Acetylene to Induce	
of Pineapples .. ..	205	Flowering in Pineapple Plants	532
Strawberry Culture .. ..	731	Yellow Spot Disease of Pine-	
		apples .. .. .	665
HODGE, J. L.—		LOGAN, D. A.—	
The Importance of "Type" in		Quality of Dairy Produce ..	598
Merino Flocks .. ..	31		
Lamb-Marking .. .. .	516	McBRYDE, D. L.—	
HODGE, L.—		Sheep Grazing at the Mackay	
The Growing of Cowpeas ..	616	Experiment Station .. ..	136
HOLLAMBY, E. R.—		McDOUGALL, W. A.—	
Prevention of Disease in Pigs ..	140	Rat Investigation .. .. .	201
HORSLEY, J. R.—		McKEON, C. J.—	
Selecting New Banana Areas ..	34	Preparation of Land for Maize ..	158
ILIFF, H. S.—		Seasonal Sowings .. .. .	501
Branding and Earmarking of		McLACHLAN, J. J.—	
Stock .. .. .	206	Vent Picking by Poultry ..	25
JARDINE, F. L.—		The Rearing of Chickens ..	316
Pruning Grape Vines to Avoid		Care of Growing Pallets ..	477
Injury by Spring Frosts ..	496	Breeding Fowls for Egg Produc-	
JARVIS, H.—		tion .. .. .	709
Codling Moth Control Experi-		Points for Poultry Breeders ..	710
ments, 1936-37 .. ..	252	MANDELSON, L. F., and J. H.	
Possible Substitutes for Lead		SIMMONDS—	
Arsenate in the Control of		The Treatment of Tobacco Seed-	
Codling Moth .. ..	602	Bed Covers to Prolong Their	
JENSEN, H. I.—		Useful Life .. .. .	112
Sunspots and Climate .. ..	150	MORGAN, C. N.—	
KENT, O. St. J.—		Cabbage-Growing for Market ..	342
Pigments in Milk .. ..	135	Cucumber-Growing .. .. .	497
Milk from Newly-Calved Cows ..	516	The Egg Plant .. .. .	496
KERR, H. W.—		The Choko .. .. .	494
The Role of Legumes in Rejuve-		MORWOOD, R. B.—	
nating Old Soils .. ..	141	Use Certified Potato Seed ..	64
Lime-Spreading Machinery ..	198	Little Leaf of the Apple ..	673
First Steps in Irrigation Practice	607	MUNGOMERY, R. W.—	
Intensive Cane Production ..	626	The Present Situation Regarding	
KING, N. J.—		the Giant American Toad	
A New Trash Plough .. ..	623	in Queensland .. .. .	209
LEE, D. H. K.—		MURRAY, J. K., W. W. BRYAN,	
Electrical and Other Effects ..	80	and W. G. STEELE—	
Circulation of the Blood ..	220	A Top-Dressing Experiment on	
Water and Salt .. .. .	372	the Pastures of the Sandy	
Effects of Tropics on the Nervous		Ridges of the Lockyer Valley	16
System .. .. .	508	NAGLE, A.—	
The Capacity for Work .. ..	629	Menace of Standover Cotton ..	617
Mental Capacity in the Tropics	736	NOTT, ROSS—	
LEGG, J.—		Veterinary First-Aid Chests ..	26
Anaplasmosis .. .. .	622	Ophthalmia of Domestic Animals	705
Pneumonia in Swine .. ..	701	OGILVIE, J. D.—	
		How to Keep Churns Sweet ..	169



	PAGE.		PAGE.
OGILVIE, J. S.—		SLOAN, W. J. S.—	
Improving Cream Quality ..	440	Tomatoes in the Central District	495
PETERS, R. W.—		Cutworms in Seedling Cotton ..	503
Grow Cotton .. .. .	175	SMITH, J. H.—	
Suitable Cotton Varieties for the		Insect and Allied Pests of the	
1937-38 Planting .. ..	352	Papaw .. .. .	553
POLLOCK, N. A. R.—		SOUTTER, R. E.—	
The Saccharine Sorghums ..	354	Farm Gates .. .. .	66
PRATT, H. ST. J.—		STEELE, W. G., W. W. BRYAN, and	
Pruning Deciduous Fruit Trees	144	J. K. MURRAY—	
PREST, R. L.—		A Top Dressing Experiment on	
Green Manuring the Orchard ..	52	the Pastures of the Sandy	
The Avocado .. .. .	116	Ridges of the Lockyer Valley	16
Grapefruit .. .. .	189	STEPHENS, S. E.—	
In the Citrus Orchard .. ..	200	The Mabolo .. .. .	57
Establishing the Avocado		The Granadilla .. .. .	181
Orchard .. .. .	345	The Sapodilla .. .. .	340
RICE, E. B.—		The Rose Apple .. .. .	726
Factors in the Contamination of		STRAUGHAN, W. R.—	
Milk and Cream .. .. .	164	Millets in Central Queensland ..	354
ROBERTS, F. H. S.—		VEITCH, R.—	
Worms in Sheep .. .. .	382	Red Spider .. .. .	4
Parasites of the Pig .. .. .	400	WEDDELL, J. W.—	
Lung Worms in Cattle and Sheep	438	The Effects of Rainfall on Grass-	
Red Worms in Horses .. ..	444	hopper Infestation .. .. .	640
The Tropical Fowl Mite .. ..	479	WELLS, W. G.—	
RUMBALL, P.—		Cotton Culture .. .. .	281
Housing Cockerels .. .. .	476	WHITE, C. T.—	
The Chicken Season .. .. .	478	Pitted Blue Grass .. .. .	70
SHELTON, E. J.—		Hexham Scent .. .. .	430
Root Crops for Pigs .. .. .	65	WINDERS, C. W.—	
Winning Pig Exhibits .. .. .	445	Ratstail or Parramatta Grass ..	72
Hot Weather Ailment in Pigs ..	599	Sown Pastures and Their Manage-	
Feeding Bacon Pigs .. .. .	702	ment 6, 119, 258, 414, 567, 679	
Losses Among Young Pigs .. ..	704	Preparation of Seed-Bed for	
SIMMONDS, J. H., and L. F.		Pasture .. .. .	429
MANDELSON—		Planting of Grass Cuttings .. ..	596
The Treatment of Tobacco Seed-		Groundsel-Bush in South-Eastern	
Bed Covers to Prolong Their		Queensland .. .. .	656
Useful Life .. .. .	112	YOUNG, H. E. —	
SIMMONDS, J. H.—		Inconspicuous Organisms Which	
Diseases of the Papaw .. ..	544	Aid the Growth of Plants ..	564
SKINNER, A. T.—			
Seed Potato Selection .. .. .	208		